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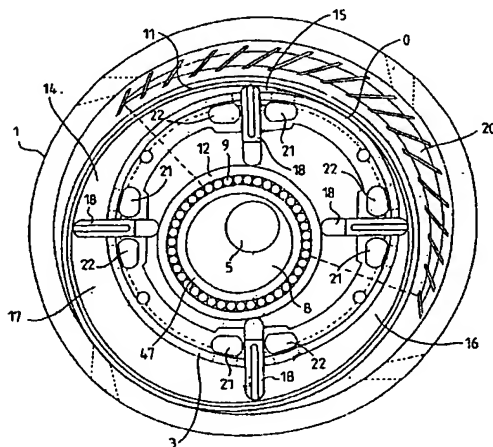
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(54) Title: HYDRAULIC MOTOR



(57) Abstract: The invention relates to a hydraulic motor having an outer casing (1) and eccentric means (11, 12, 8) for rotating a power shaft (5) by means of fluid through a pressure chamber arrangement (14 to 17). The eccentric means comprise an eccentric part (8) formed in the power shaft (5), a first eccentric ring (11) between the outer casing (1) and an inner casing (3), and a second eccentric ring (12) mounted with bearings around the eccentric part and connected fixedly and concentrically to the first eccentric ring, whereby the pressure chamber arrangement is located between the first eccentric ring and the inner casing so that the first eccentric ring drives the power shaft through the second eccentric ring (12), and the eccentric rings (11, 12) form a substantially non-rotating entity that only performs an eccentric movement and by means of this eccentric movement rotates the power shaft.

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	DE 20113784 U1 (IAV GMBH INGENIEURGESELLSCHAFT AUTO UND VERKEHR), 8 May 2002 (08.05.02), figure 1 --	1,2
X	US 2366765 A (S.F. ANDERSON), 9 January 1945 (09.01.45), figure 2 --	1,2
X	US 2581172 A (R.H. CARSON), 1 January 1952 (01.01.52), figure 5 --	1,2

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3539281 A (L. KRAMER), 10 November 1970 (10.11.70), figure 1 --	1,2
X	US 5558511 A (L.G. HEDELIN), 24 Sept 1996 (24.09.96), figure 2 --	1,2
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INTERNATIONAL SEARCH REPORT

Information on patent family members

29/06/03

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